

Purchase Order Receipt Listing

Wednesday, April 26, 2017 2:36:19 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO36006 Receipt Dates from 4/25/2017 to 4/25/2017 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRRB Qty/ Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-CAM002 Acier Onellette Inc.											
PO36006	1		M1010S18GA	sf	4/25/2017	4/25/2017	96.0000	\$1.13	0.0000	0	\$108.19
CAD	No		1010/1025 SHEET .048 @ 44	sf	96.0000	PL0U01		\$108.19	0.0000	0	
			m137362								
	2		M304B1.000X1.000	f	4/25/2017	4/25/2017	24.0000	\$13.28	0.0000	0	\$318.76
	No		304 bar 1.00 x 1.00	f	24.0000	PL0U01	24	\$318.76	0.0000	0	
			m137362								
	3		M303R0.500 448	f	4/25/2017	4/25/2017	24.0000	\$1.93	0.0000	0	\$46.42
	No		303 Round Bar 0.500" f	f	24.0000	PL0U01	24	\$46.42	0.0000	0	
			m137362								
	4		M304B0.250X4.000	f	4/25/2017	4/25/2017	12.0000	\$7.46	0.0000	0	\$89.49
	No		304 BAR .250 x 4.00 f	f	12.0000	PL0U01		\$89.49	0.0000	0	
			m137362 248 348								
	5		M304B0.750X2.500	f	4/25/2017	4/25/2017	12.0000	\$19.72	0.0000	0	\$236.66
	No		304 BAR .750 X 2.50 f	f	12.0000	PL0U01	12.5	\$236.66	0.0000	0	
			m137362 745 70.54								
	6		M304S20GA	sf	4/25/2017	4/25/2017	64.0000	\$2.94	0.0000	0	\$187.93
	No		304/316 .040 Sheet	sf	64.0000	PL0U01		\$187.93	0.0000	0	
			m137362 035								
	7		M6061T6R0.625 20 f	f	4/25/2017	4/25/2017	20.0000	\$0.73	0.0000	0	\$14.64
	No		6061-T6 Round Bar .625"	f	20.0000	PL0U01		\$14.64	0.0000	0	
			m137362								
	8		71401-45		4/25/2017	4/25/2017	1.0000	\$0.00	0.0000	0	\$0.00
	No		PROCUREMENT QUALITY CLAUSES		1.0000	PL0U01		\$0.00	0.0000	0	
			m137362								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
------------------------------------	-----------------------------	------------	--	-----------------------	-------------------------------	----------------------	-------------------------	------------------------------	--	-------------------------------	----------

Total Received Quantity: 253.0000
 Total Qty to Inspect (PO U/M): 0.0000
 Total Reject Quantity: 0.0000
 Total Receipt Value: \$1,002.09
 Total Balance Due Quantity: 0.0000



ACIER OUELLETTE INC.

Order - Sales

CO00025658

935, Boul. du Hâve
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 MU: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 MH: 514-336-4246 Ext.: 866-456-4242

Customer N° CL10001056

Date 2017/04/19

Delivery date 2017/04/25

Your order N° 36006

Processed by Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme NET 30

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

DART AEROSPACE LTD
, Ontario,

Alt: CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Page 1

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 CR SHEET 18G (4 X 8) FECR-18G48 3 X 4' X 8' HEAT: 138877-265214 3280 DAS 9 9.89	192.00	96.00	PT2_\$CLB	3.00							
2 SQUARE SS 1 SS304 (12R) CSS-1-12 2 X 12' 1/1 HEAT: 269932 2076 DAS 9 9.89	81.60	24.00	PT1_\$CLB	2.00							
TRANSFERT ST-JEROME TE-26-04 4 ROND 17-4 3/4 DIA PLI NS00000022		2.00	UN_\$UN	2.00							
ROND 17-4 PH 3/4 DIA 2 X 12' 1/1 HEAT: 269862 5726 DAS 9 9.89											
5 ROUND SS 1/2 303 (12R) RSS-12303-12 2 X 12' R/L HEAT: 408462 102729 5726 DAS 9 9.89	16.01	24.00	PT1_\$CLB	2.00							

NIR: R-109516-6

Next Page...



ACIER OUELLETTE INC.

Order - Sales

CO00025658

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
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Customer N°

CLI0001056

Date

2017/04/19

Delivery date

2017/04/25

Your order N°

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Processed by

Josianne Bourdon

Salesman

Carrier

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Credit Terme

NET 30

Billed to

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1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

DART AEROSPACE LTD
, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Page

2

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
6 FLAT SS 1/4 X 4 SS304 (12R) FSS-144-12 3521 1 X 12' R/L HEAT: 512698 DAS 9 9-89	40.80	12.00	PL_\$CLB	1.00							
7 PLAT SS304 3/4 X 2 1/2" PLI NS00000022 PLAT SS304 3/4 X 2 1/2" 1 X 12' R/L DAS 9 HEAT: 56160006 9-89		1.00	UN_\$UN	1.00							
8 SHEET SS 20G SS304-2B (4 X 8) FESS-20G48304-2B 3430 2 X 4' X 8' HEAT: 222X 9 9-89	100.48	64.00	PI2_\$CLB	2.00							
9 ROUND ALU 5/8 6061-T6 (20) RAL-58-20 5168 1 X 20' HEAT: 66092 DAS 9 9-89	7.22	20.00	PL_\$CLB	1.00							

NIR : R-109516-6

Next Page...



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Customer N° CL10001056

Date 2017/04/19

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Your order N° 36006

Processed by Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme NET 30

Billed to

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1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

DART AEROSPACE LTD
, Ontario,

Att: CHANTAL LAVOIE Tel.: 613-632-5200

Delivery Route 5

Page

3

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$	0.00						

Conditions :

All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Verified By :

Delivered By :

Time

Customer's Signature

Y M D

Total (\$CAD)

Deposit 1 735.41
Balance 0.00
1 735.41

#3280

FCCR-186-48

ACIER QUELLETTE INC P.O. - AC4552 S.O. - 390042

P0.4552
47709-2PArcelorMittal Dofasco G.P.
P.O. Box 2460
Dana
Hamilton, Ontario
L8N 3J5TEST REPORT
RAPPORT D'ESSAIAttention: Yolanda Denis
Email: Yolanda.denis@ryerson

Date: 07/05/2016

Page 1 of 1

-Purchase Order/Bon de Commande-
Vendor/Vendeur-
779909-1 JUN70
-Bill of Lading/Connaissement-
Vehicle or Carrier/Vehicule ou Transporteur-
J38749-Customer/Client- -Sales Order/Bon de Commande-
557950 88 352557001
-Packing Slip/Bordereau de Charge- --Spec/Note et Spec-
ASTM A1008/A1008M CS TYPE B (15)
STD ASTM 2/3 FOR HDG GT.075(2004), NO WELD
SDHI-CRITICAL SURFACE
STANDARD FLATNESS - ASTM F1111 TOLERANCE
MATERIAL CERTIFICATION REQUIRED
CODE Q10:2032251-Material Description/Description du Material-
COLD ROLLED STEEL SHEET
COMMERCIAL STEEL
COILS
LIGHT GAUGE OILED.0440 MIN .0180 X 48 X COIL
WEIGHT: 23720 LBS
-Test Methods/Methodes d'Essai-
ASTM E1019, E415

WEAT	C	Mn	P	S	Si	Cu	Ni	Cr	Sn	Mo	Ala	Alt	Cb	V	Ti	Ca	F	S	O
136077	0.008	0.009	0.002	0.03	0.12	0.04	0.06	0.005	0.01	0.035	0.037	0.0010	0.003	0.011	0.0006	0.0051	0.0001		

SERIAL NUMBER
NOMBRE DE SERIE
R94707/01 3436270

We Certify That The Material Described Herein Conforms To The Specification Shown On This Document
ArcelorMittal Dofasco G.P. as per Lesley Taggart - CMTL Supervisor
The Results Relate Only To The Items Tested
This Report Shall Not Be Reproduced Except In Full Without The Express Written Approval of The CMTL Supervisor.

This Contract Is Subject To The Terms And Conditions Of Sale Shown On The Order Acknowledgement.
Ce Contrat est Sujet aux Termes et Conditions de Vente Indiques Sur l'Accuse de Reception de Commande.

Accelormittal Dofasco G.P.
P.O. Box 2460
Hamilton, Ontario
L8N 5J5

TEST REPORT
RAPPORT D'ESSAI

Attention: Nancy Dani
Email: Nancy.Dani@ryerson.ca

Date: 07/05/2016

Page 1 of 1

-Purchase Order/Bon de Commande-
Vendor/Vendeur-
779909-1 JUN20
-Bill of Lading/Connaissement-
Vehicle or Carrier/Vehicule du Transporteur-
337946

-Customer/Client-
557950 MS 319557001
-Sales Order/Bon de Commande-
-Packing Slip/Bordereau de Charge- -

-Spec/Note et Spec-
ASTM A1008/A1008M CE TYPE B (15)
STD ASD, 2/3 FOR EDG ST.075(2MM) NO WELD
SEMI-CRITICAL SURFACE
STANDARD FLATNESS - ASTM FULL TOLERANCE
MATERIAL CERTIFICATION REQUIRED
CODE QID:G0313-1

-Material Description/Description du Material-
COLD ROLLED STEEL SHEET
COMMERCIAL STEEL
COILS
LIGHT MATE OILED

.0440 MIN .0450 X 48 X COIL
Weight: 23330 LBS
-Test Methods/Methods d'Essai-
ASTM E1019, E115

FEAT	COULEE	C	Mn	P	S	Si	CU	Ni	Cr	Sn	Mo	Als	Alc	Cb	V	Ti	Cu	N	As	O
255214	.05	.18	.011	.009	.009	.03	.009	.06	.032	.003	.045	.047	.0004	.001	.001	.0001	.0050	.0001		

SERIAL NUMBER
NOMBRE DE SERIE
111372/02 3431741

We Certify That The Material Described Herein Conforms To The Specification Shown On This Document
Accelormittal Dofasco G.P. as per Lenley Taggart - OML Supervisor
The Results Relate Only To The Items Tested
This Report Shall Not Be Reproduced Except In Full Without The Express Written Approval Of The OML Supervisor

This Contract Is Subject To The Terms And Conditions Of Sale Shown On The Order Acknowledgement.
Ce Contrat est Sujet aux Termes et Conditions de Vente Indiquees Sur L'Accuse de Reception de Commande.



Acciaierie Valbruna S.p.A.

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.
Telefono 0444.968211 - Fax 0444.968338
Stab.: 36100 BOLZANO (Italia) - Via A. Volta, 4/37
Telefono 0471.924111 - Fax 0471.924487

CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a: **EN 10204 (2004) , 3.1**

Certificato nr. **MEST875470 / 2016 /**

Cliente / Besteller/Purchaser/Cliant
VALBRUNA CANADA LTD
8724 HOGGATE CRESCENT
L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA

Stato di fornitura: **Hot rolled - Annealed Cold Drawn**
Lieferzustand
Delivery state
Etat de livraison

Produttore:
Hersteller/Hersteller/Usine productrice
ACCIAIERIE VALBRUNA S.P.A.

Ordine nr: **603005690 STOCK**
Bestell
Your order
Commande

Tipo di Elaborazione: **E+AOD**
Erneuerungsart
Melting process
Méthode d'élaboration

Marchi di Fabbrica:
Zeichen des Lieferwerkes
Trade marks
Signes de l'usine productrice



Conferma ordine nr: **EI16002840**
Werk-/Our Order/Nr.

Qualità: **304/304L**
Werkstoff/Grade/Qualité

Funzione del Collaudatore:
Beauftragter des Werksachverständigen
Inspector's stamp/Funktion des Inspekteurs

MR

Avviso di Spedizione: **D-VI16013169**
Lieferanweisung/Funktion des Inspekteurs

Marcia: **AISL**
Markenbezeichnung
Brand / Marque

Funzione: **304/304L**
Kurzbezeichnung
Marking
Marquage

SPECIFICHE:

Note:

Anforderungen / Requirements / Exigences

Anforderungen / Notes / Notes

VSI 0 304/304L A,CF
AISI 304/304L
AMS 5639 H S30400 A
AMS 5647 J S30403 A
AMS-QQ-S-763 D 304 A,CF
AMS-QQ-S-763 D 304L A,CF
ASME SA182 2015 S30400/03 A (0)
ASME SA193 2015 B8 (1)
ASME SA276 2015 S30400/03 A,CF (2)
ASME SA320 2015 B8 (3)
ASME SA479 2015 S30400/03 A (4)
ASTM A182 2015 S30400/03 A (5)
ASTM A193 2016 B8 (6)
ASTM A262 2013 PRACTICE E
ASTM A276 2016 S30400/03 A,CF
ASTM A314 2008 S30400/03
ASTM A320 2015A B8 (7)
ASTM A370 2014
ASTM A473 2001 S30400/03 (8)
ASTM A479 2016 S30400/03 A
MIL-S-862 B/1 304/304L
NACE MR0103 2010 S30400/03 A
NACE MR0175 2009 S30400/03 A (9)

(0)SECTION II PT.A 2015 EDITION For products machined directly from bar refer to ASME SA479.

(1)SECTION II PT.A 2015 EDITION Chemical analysis only.

(2)SECTION II PT.A 2015 EDITION

(3)SECTION II PT.A 2015 EDITION Chemical analysis only.

(4)SECTION II PT.A 2015 EDITION

(5)For products machined directly from bar refer also to ASTM A470.

(6)Chemical analysis only.

(7)Chemical analysis only.

(8)Chemical analysis only.

(9)ANSI/NACE MR0175/ISO 15155-3, second edition 2008-10-15 Technical circular 12011 Published 2011-05-14

Tolleranza: ASTM A484-15 TABLE B

Tolerance/Tolerance/Tolerance

Pos. nr. Pos. nr. Nr. de pos.	Oggetto Component Part description Désignation de pièce	Dimensioni - in Abmessungen Dimensions Dimensions	Lunghezza - in Länge Length Longueur	Colata Guss Cast Coulée	Pezzi Stückzahl Pieces Pièces	Peso - LB Gewicht Weight Poids	Lotto nr. Losn. Lot no. Lot n.
0010	Square	1,0000 x 1,0000	156/ 156	268432		4,944	601108360

Vicenza, 25/05/16

VC0008

(Mod. NCE2)

Il collaudatore di stabilimento / der Werksachverständige / Works Inspector / L'agent d'usine

M. Rizzotto

Pagina - 1 di 3



Acciaierie Valbruna S.p.A.

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.
Telefono 0444.988211 - Fax 0444.983838
Stab.: 36100 BOLZANO (Italia) - Via A. Volta, 4/37
Telefono 0471.924111 - Fax 0471.924497

CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a: **EN 10204 (2004) , 3.1**
Nach/According to/Dieses

Certificato nr. **MEST875470 / 2016 /**
Prüfung/Test/Contrôle

Cliente / Destatler/Purchaser/Cient
VALBRUNA CANADA LTD
6724 HOLGATE CRESCENT
L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA

Stato di fornitura: **Hot rolled - Annealed Cold Drawn**
Lieferzustand
Delivery state
Etat de livraison

Produttore:
Hersteller/Hersteller/produit
ACCIAIERIE VALBRUNA S.P.A.

Ordine nr: **603005690 STOCK**
Bestell
Your order
Commande

Conferma ordine nr: **E16002840**
Werk/Ausdrück/Contrôle

Avviso di Spedizione: **D-VI16013169**
Lieferanweisung/Shipping Instructions

Tipo di Elaborazione: **E+A00**
Erweiterungsart
Mating process
Mode d'élaboration

Qualità: **304/304L**
Verschleiß/Gratifikation

Marca: **AISI**
Markenbezeichnung
Brand / Marque

Marchi di Fabbrica:
Zeichen des Lieferanten
Trade marks
Sigles de l'usine productrice

Funzione del Collaudatore:
Stempel des Werksechwerprüfenden
Inspector's stamp/Prüfer des Fabrik

Funktionstabelle: **304/304L**
Kontrollierung
Mating
Marquage



MR

TEST ALLO STATO DI FORNITURA											
Test on delivery condition / Prüfung auf Lieferzustand / Test à l'état de fourniture / Prueba sobre el material así como entregado											
TEST	Prove/Prüfung Specification Lieferungsspez. Bauart, Dim., Größe Werkstoff, Zustand Long. dim., width	°F	Prove/Prüfung Specification Lieferungsspez. Bauart, Dim., Größe Werkstoff, Zustand	Snervamento Yield stress Rp 0,2 % k.s.l.	Snervamento Yield stress Rp 0,2 % k.s.l.	Resistenza Tensile strength Rm k.s.l.	Allungamento Elongation A _{4d} %	Strizione Reduction of area RA %	Resistenza Tensile strength Rp0,2 % k.s.l.	Durezza Hardness HB	
Valori richiesti		min		30	-	75	-	40	-	140	
Valori ammessi		max								235	
A	12,5	68	L	74		103		45		68	230

TEST ALLO STATO DI FORNITURA			
Test on delivery condition / Prüfung auf Lieferzustand / Test à l'état de fourniture / Prueba sobre el material así como entregado			
TEST	min	max	
A Grain size for ASTM E112			5

Mechanical properties according to ASTM A370.

Analisi chimica													
Chemische Zusammensetzung / Chemical Analysis / Analyse chimique													
Element	Unit	min	max	18,00	1,00	1,00	8,00	0,040	0,020	0,100			
Element	Unit	min	max	20,00	1,00	1,00	10,50	0,040	0,030	0,100			
C %													
Si %													
Mn %													
Cr %													
Mo %													
Cu %													
Ni %													
Co %													
P %													
S %													
N %													
269432		0,020	0,37	1,74	18,23	0,53	0,73	8,00	0,129	0,033	0,029	0,086	

Corrosion test in 16% sulfuric acid and copper sulfate solutions							
Test standard: ASTM A262-Practice E							
Test	Heat treatment before test	Length of Period (h)	Test temp (°C)	Bend Angle (°)	Ø spindle (mm)	Result of visual inspection at 20 x magnification after bend test	Result
Intergranular corrosion	Sensitization	15	boil	180	5	Absence of cracks	SATISFACTORY

Produced without class HI Ozone depleting substances.
Solution heat treated free from continuous carbide network.
Annealing temperature: 1940°F for 1 h/water.
Micro and macro etch test: OK
Reduction ratio = 44,4 : 1
Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste
Die geforderten Anforderungen sind erfüllt
The material has been furnished in accordance with the requirements
Le matériel a été livré conforme aux exigences

Controllo antiriscossolenza: OK
Verschleißprüfung: spezialanalytisch durchgeführt
Admitting testing performed: OK
Controllo antiriscossolenza: OK

Controllo visivo e dimensionale: soddisfatti le esigenze
Beachtung und Ausmessung: ohne Beanstandung
Visual inspection and dimensional checks: satisfactory
Contrôle visuel et dimensionnel: satisfait

Vicenza, 25/05/16

VC0008

(Mod. MCEZ)

Il collaudatore di stabilimento / der Werksechwerprüfende / Works Inspector / L'agent d'usine

M. Rizzotto

Pagina - 2 di 3



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In conformità a: **EN 10204 (2004), 3.1**
nachfolgend zu lesen

Certificato nr. **MEST875470 / 2016 /**
Prüfung/Proof/Test

Cliente / Besteller/Purchaser/Cliant
VALBRUNA CANADA LTD
8724 HOLGATE CRESCENT
L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA

Stato di fornitura: **Hot rolled - Annealed Cold Drawn**
Lieferzustand
Delivery state
Etat de livraison

Produttore:
Hersteller/Hersteller/producer
ACCIAIERIE VALBRUNA S.P.A.

Ordine nr: **603005690 STOCK**
Bestell
Your order
Commande

Tipo di Elaborazione: **E+AOD**
Erstellungsort
Melting process
Mise d'élaboration

Marchi di Fabbrica:
Zeichen des Lieferanten
Trade marks
Signes de l'usine productrice



Conferma ordine nr: **E116002840**
Voraus/Ouvr. Bestell/nr.

Qualità: **304/304L**
Werkstoff/Grade/Qualité

Funzione del Collaudatore:
Stempel des Werkstoffverständigen
Inspector's stamp/Prüfung de l'essayeur

MR

Avviso di Spedizione: **D-VI16013169**
Lieferanweisung/Packing list/S.L.

Marca: **AISI**
Markenbezeichnung
Brand / Marque

Funzionatura: **304/304L**
Kurzbezeichnung
Marking
Marquage

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER ACCORDING TO ISO 9001 : 2008, ISO/TS16949 : 2009, AS 9100C

The Quality Management System is Certified acc. Pressure Equipment Directive '97/23/EC' Annex 1, a, 4.3 by TÜV and LLOYD'S
Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.
Mechanical and/or Valplus grades/products are manufactured with ladle techniques to control composition, distribution, size and shape of non-metallic inclusions for improved machinability.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Vicenza, 25/05/16

VCO006

(Mod. MCE2)

Il collaudatore di stabilimento / der Werkstoffverständige / Works Inspector / L'agent d'usine

M. Rizzotto

Pagina - 3 di 3

AC 542
#5726 RSS-12303-12 2P
VIRAJ PROFILES LIMITED

Works: SURVEY NO.- 25/1, 25/2, 26 & 34, Village- MAAN, Taluka- PALGHAR, Dist.- THANE, MAHARASHTRA -401 506, INDIA,
e-mail- vielqc@viraj.com

46877

MILL'S CERTIFICATE

CUSTOMER	ORDER NO	PACKING LIST NO	INSPECTION NO	DATE
			100006519319	12.04.2016
		GRADE	HEAT No	
		T-303	40846	

BUNDLE NO :
1100489016.

DESCRIPTION
STAINLESS STEEL BRIGHT BARS

DAS
9
9-89

COLD DRAWN POLISHED - 2H

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
1/2"	ROUND	ASTM A484	12' - 14'	160	1,296.000 LB

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0460	1.860	0.450	0.3360	0.0350	17.340	8.020	0.590	0.310	0.160	0.03700

TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
91.0	108.0	39.0	58.0	220.0	7.0

SPECIFICATION:

MATERIAL CONFIRMS TO DIN 10088-3:2005 COND-A & ASTM A582/A582M-12e1, ASTM A 388-05, ASTM A 484-10, AMS 5640U TYPE I, EXCEPT MARKING, QQS-764BA2 COND A. EXCEPT MARKING, UNS-S-30300, ASTM A314-2008, ASTM A320/A320M-11a B8F CLASS I, ASME SA 320 B8F CL1 MIL-S-862 B GRADE AISI 303 & WNR 1.4305, CERTIFIED AS PER EN 10204- 3.1.

REMARKS

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS, MICRO: FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO: GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 1/2 HRS, WATER QUENCHED. MELT SOURCE: AOD. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION. COUNTRY OF ORIGIN: INDIA.

We hereby certify that the material described above has been tested and complies with the terms of order/contract.


WORKS INSPECTOR
K R K MURTHY

VIRAJ PROFILES LIMITED



Works: SURVEY NO.- 25/1, 25/2, 26 & 34, Village- MAAN, Taluka- PALGHAR, Dist.- THANE, MAHARASHTRA -401 506, INDIA,
e-mail- vielqc@viraj.com

TEST CERTIFICATE

CUSTOMER	ORDER NO	PACKING LIST NO	INSPECTION NO	DATE
			100007065804	15.08.2016
		GRADE	HEAT No	
		T-303	102729	

BUNDLE NO :
1100558045 ,1100558044 ,1100558043 ,1100558042 ,1100558041 ,1100558040 ,

DESCRIPTION

STAINLESS STEEL BRIGHT BARS

COLD DRAWN POLISHED - 2H

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
1/2"	ROUND	ASTM A484	12' - 14'	776	5,515.000 LB

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0520	1.890	0.540	0.3040	0.0370	17.300	8.030	0.590	0.310	0.170	0.02600

TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
92.0	106.0	40.0	53.0	218.0	7.0

SPECIFICATION:

MATERIAL CONFIRMS TO DIN 10088-3:2005 COND-A & ASTM A582/A582M-12c1, ASTM A 388-05,ASTM A 484-16,AMS 5640U TYPE I, EXCEPT MARKING, QQS-764BA2 COND A. EXCEPT MARKING, UNS-S-30300,ASTM A314-2008. ASTM A320/A320M-11a B8F CLASS 1,ASME SA 320 B8F CL1 MIL-S-862 B GRADE AISI 303 & WNR 1.4305.
CERTIFIED AS PER EN 10204- 3.1

REMARKS

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS, MICRO:FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO:GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 1/2 HRS, WATER QUENCHED. MELT SOURCE:AOD. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION.COUNTRY OF ORIGIN: INDIA.

We hereby certify that the material described above has been tested and complies with the terms of order/contract.


WORKS INSPECTOR
K R K MURTHY

#3521 FSS-144

T/A 939

47428

RAPPORT DE TEST MATÉRIEL

Vendu

à : ACIER OUELLETTE INC.
Daniel Filion
22 John-F. Kennedy
St-Jerome, QC
J7Y 4B6
Canada

Expédier

à : ACIER OUELLETTE INC.
Daniel Filion
22 John-F. Kennedy
St-Jerome, QC
J7Y 4B6
Canada

N° bon de livraison BL17-00668
Date de document 2/20/2017

Votre n° de commande
Notre n° de vente

AC3272
SO17-00350

DAS
9
2-89

Description		4.000 x 144.000 x 0.250 SS 304									
Heat Number		512698					Made In		Canada		
C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
0.024	1.400	0.028	0.001	0.380	0.000	0.500	0.000	0.350	8.010	18.240	0.000
Yield (Psi)		Tensile (Psi)		ELN.ZIN (%)		Certification					
46,990		92,820.00		55							

Les résultats reportés sur ce document représentent les attributs actuels du matériel fourni et indiquent la conformité complète avec toutes les spécifications applicables et les conditions contractuelles.

CON: 256-8

D112T

P0.5091

BOLLINGHAUS STEEL Bollinghaus Steel, SA DIN EN ISO 9001:2008 TÜV CERT No. 01 100 030458	Abnahmeprüfzeugnis/Mill Test Certificate/Certif. de Qualidade EN 10204:2004 / 3.1		No.: / Nr.: / Nr.: 0000112623																													
	Unsere innere Verweisung / Our Int. Ref / Ref Int 5600028852 000010		Datum / Date / Data 16.02.2016																													
Normen / Standards / Normas 1P 304/304L acc. to ASTM A479/A479M-16 / A276/A276M-16 specifications acc. to latest rev.: SAE-AMS-QQ-S 763D, AMS5639H AMS5647J, ASME SA479/SA479M, ASME SA276, ASTM A182/A182M-15 F304/304L, A193/A193M-15a CL 1Gr B8, ASTM A314-15, DOD-F2468B/6, ASTM A262-15 Practice E, grain size as per ASTM E112-58e1, NACE MR 0175, Mercury free statement, not weld repair statement, contents of N, Co, Mo and Cu., in hot rolled, solution annealed, pickled, straightened execution as per ASTM A484/A484M-16																																
Bestell Nr./Order Nr./Enc.Nr. C101763																																
Bestell Nr./Order Nr./Enc.Nr. C101763.01																																
Produktgruppe / Product Group / Grupo Produto AISI 304/L FLAT 3/4 X 2-1/2"		Gewicht / Weight / Peso 7.211 lb		Bunde / Bundle / Atados 03																												
Werkstoff-Nr. Material-no. Qualidade 1.4307		Werkstoff-Normbezeichnung / Material standard grade / Norma do material X 2 CrNi 18-9																														
Beschreibung / Description / Descrição Stainless steel flat bars, hot rolled solution annealed, straightened, pickled US OFAR 752.225 / COO: MELT SOURCE: United Kingdom / MFG: Portugal.																																
Schmelzen Nr. / Cast nr. / Fusão nr. 58150306																																
Chemische Analyse in % / Chemical composition in % / Análise química em %																																
<table border="1"> <tr> <td>C</td> <td>0.023</td> <td>Si</td> <td>0.310</td> <td>Mn</td> <td>1.720</td> <td>P</td> <td>0.035</td> <td>S</td> <td>0.026</td> <td>Cr</td> <td>18.240</td> <td>Ni</td> <td>8.070</td> </tr> <tr> <td>Mo</td> <td>0.420</td> <td>Co</td> <td>0.241</td> <td>Cu</td> <td>0.490</td> <td>N</td> <td>0.090</td> <td>Ti</td> <td>0.004</td> <td>Nb</td> <td>0.036</td> <td>Al</td> <td>0.006</td> </tr> </table>					C	0.023	Si	0.310	Mn	1.720	P	0.035	S	0.026	Cr	18.240	Ni	8.070	Mo	0.420	Co	0.241	Cu	0.490	N	0.090	Ti	0.004	Nb	0.036	Al	0.006
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Bemerkungen / Remarks / Observações Country of origin: Portugal. No weld repair done. Material is free of mercury and radiation contamination.																																
Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht. We confirm that this material meets the specification according the mentioned standards. Confirmamos que este material respeita as especificações de acordo com as normas referidas.																																

129 K PP

185547



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 245735 1
Customer: 007035 501

Date: 12/12/2015 Page: 1

Steel: 304

Finish: 2B

Your Order: 785809

NAS Order: PN 0072898 04

Corrosion: ASTM A262/15 A/180Bend-OK

PRODUCT DESCRIPTION:

316L SS STEEL COIL, C.R. ANNEALED & PICKLED; UNS 30400
A262/15b, A480/15, A666/15; ASME SA240/15, SA460/15, SA666/15
CHEM ONLY ON FOLLOWING ASTM: A276/16, A479/16, A484/15, A312/16
AMS 5513J TMRK; MIL-S-5059D AMENDS (X CROWN BEANS)
NACE MR0175/ISO 15156-3:2009 A, MR0103/07/009766D-A X MRG PERM
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1, ROMS 1 & 2 Compliant
Material is free of Radioactive Contamination
Steel Making Process: EAF, AOD, & Cont. Casting
Product Mfg. by a Quality Mfg. Sys. in Cont. w/ISO 9001
Welded & Manufactured in the USA; Mat'l is DPMs Compliant

Product Id	Coil #	Sld #	Thickness	Width	Weight	Length	Mark	Pieces	Commodity Code
04222X A	04222X A		.0360	48.0000	15.850	COIL	14	1	74357403

CHEMICAL ANALYSIS

CM(Country of Melt)

ES(Spain)

US(United States)

ZA(South Africa)

JP(Japan)

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/16a

Element	CM	C %	CR %	CU %	NI %	MO %	N %	NI %	P %	S %
222X	US	.0637	18.0080	.3655	1.7640	.2635	.0695	8.0280	.0305	.0010

GI %

.2475

MECHANICAL PROPERTIES

Product Id#	Coil #	UTS	20C	YS	20C	ELONG	%	Hard	Rock	Tell	Hard	Grain
04222X A	04222X A	F	103.42	56.92	47.45	89.50	89.00	10.00				

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

12/12/2016

ACIER OUELLETTE INC P.O. - AC3886 S.O. - 388868

#3430

FESS-209485642B

47574

45454

68623

RAL 58

Test de dureté Rockwell Rockwell Hardness Test

Client / Customer : LES ACIERS TRANSBEC (1997) LTEE.

Adresse / Address : 4054 BOUL. LE CORBUSIER, #201
LAVAL, QC
H7L5R2

commande Sapa / Sapa order # : 6031289

bon de commande / Purchase order # : OU-45668

de matrice / Die # : MS 9907

Description : 5/8" DIA ROD

Alliage & trempage / Alloy & temper : 6061 T6

Longueur / Length : 6097 mm

de contrôle / Control # : 65547-1

de coulée / Cast # :

66092

DS
9
8.89

Dureté Rockwell E /
Rockwell E hardness : 93 HRE

Min. requis /
Min. required : 88 HRE

Max. permis /
Max. permitted : 100 HRE

Composition chimique typique / Typical chemical composition :

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
6063	0,20 - 0,60	0,35 Max	0,10 Max	0,10 Max	0,45 - 0,90	0,10 Max	0,10 Max	0,10 Max
6005	0,60 - 0,90	0,35 Max	0,10 Max	0,10 Max	0,40 - 0,60	0,10 Max	0,10 Max	0,10 Max
6005A	0,66 - 0,74	0,14 - 0,28	0,08 - 0,16	0,18 - 0,26	0,46 - 0,54	0,03 Max	0,05 Max	0,05 Max
6061	0,40 - 0,80	0,70 Max	0,15 - 0,40	0,15 Max	0,80 - 1,20	0,04 - 0,35	0,25 Max	0,15 Max
6351	0,7 - 1,3	0,5 Max	0,10 Max	0,40 - 0,80	0,40 - 0,80	---	0,20 Max	0,20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen) .

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen) .

Sincèrement vôtre,
Yours truly,

date : 2016-05-12



Gilles Pelletier
Technicien de la qualité
Quality technician

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M1310518GA
 DATE: APR 27 2017

PO / BATCH NO P0360006/M137362

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 9658ft
 QUANTITY INSPECTED: 9658ft
 QUANTITY REJECTED: Q

THICKNESS ORDERED: .048"
 THICKNESS RECEIVED: .044"
 SHEET SIZE ORDERED: 4x8
 SHEET SIZE RECEIVED: 4x8

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	N	
CORROSION	Y	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	N	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	ASTM A1008
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	N	47# 138877
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u> DATE: <u>APR 27 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in:

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304B1, 000x1000
 DATE: APR 28 2017

PO, BATCH NO: M36COG/M137362

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 26'
 QUANTITY INSPECTED: 26'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1"
 THICKNESS RECEIVED: 1"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	ASTM A276
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> N	Ht # 269432
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>OB</u> DAS 9 3.89 DATE: <u>APR 28 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M303 R 0500
 DATE: APR 27 2017

PO / BATCH NO P036006/M137362

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 24'
 QUANTITY INSPECTED: 24'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .500
 THICKNESS RECEIVED: .498
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	Asm A582
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> N	HT # 40846
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>EB</u> 9	SIGNED OFF BY: _____	
DATE: <u>APR 27 2017</u>	DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in:

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304B0-750X2500
 DATE: APR 28 2017

PO / BATCH NO: 4036006/M137362

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 13' 4"
 QUANTITY INSPECTED: 13' 4"
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .750
 THICKNESS RECEIVED: .745
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	Asm A276
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> N	H* # 56160006
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u> ^{DAS} DATE: <u>APR 28 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304S20GA
 DATE: APR 28 2017

PO / BATCH NO: P08600C/M137362

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 6450FT
 QUANTITY INSPECTED: 6450FT
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .040
 THICKNESS RECEIVED: .035
 SHEET SIZE ORDERED: 4x8
 SHEET SIZE RECEIVED: 4x8

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	N	
CORROSION	Y	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	N	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	ASTM A240
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	N	HT # 222X
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u> DATE: <u>APR 28 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in:

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6R0.625
 DATE: APR 28 2017

PO / BATCH NO: P036006/M137362

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 20'
 QUANTITY INSPECTED: 20'
 QUANTITY REJECTED: 8

THICKNESS ORDERED: .625
 THICKNESS RECEIVED: .620
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	457m B221
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> N	H7 #66092
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: CB DAS

SIGNED OFF BY: _____

DATE: APR 28 2017

DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in:

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304B 150X4000
 DATE: MAY 02 2017

PO / BATCH NO. P036006/M137382

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12
 QUANTITY INSPECTED: 12
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .250
 THICKNESS RECEIVED: .245
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	ASTM A240
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	HT #512698
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: CB 808

SIGNED OFF BY: _____

DATE: MAY 02 2017

DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36006**

Purchase Order Date 4/19/2017

PO Print Date 4/19/2017

Page Number 1 of 4

Order From :

VC-CAM002

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

APR 19 2017

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M1010S18GA	1010/1025 SHEET .048	4/24/2017 Yes 4/24/2017		96.00 sf	\$1.50	\$144.00
MATERIAL: AISI 1010-1025 OR (ASTM A36/A366/A1008) OR CSA G40-21, 38W/44W/50W/60W/70W MINIMUM YIELD TENSILE STRENGTH = 28KSI MINIMUM ULTIMATE TENSILE STRENGTH = 42 KSI COLD ROLLED DAS 9 9-89							Line Total: \$144.00
2	M304B1.000X1.000	304 bar 1.00 x 1.00	4/24/2017 Yes 4/24/2017		24.00 f	\$17.68	\$424.28
MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE DAS 9 9-89 8017-4-26							Line Total: \$424.28

PO Instructions: quote: sou0027998, sou0027868

Note:

4/19/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36006**

Purchase Order Date 4/19/2017

PO Print Date 4/19/2017

Page Number 2 of 4

Order From :

VC-CAM002

Ship To : DART AEROSPACE LTD

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

3	M303R0.500	303 Round Bar 0.500"	4/24/2017	24.00	\$2.57	\$61.78
			Yes	f		

4/24/2017

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

DAS
9
9.89

Line Total: \$61.78

4	M304B0.250X4.000	304 BAR .250 x 4.00	4/24/2017	12.00	\$9.93	\$119.12
			Yes	f		

4/24/2017

MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

DAS
9
9.89

Line Total: \$119.12

5	M304B0.750X2.500	304 BAR .750 X 2.50	4/24/2017	12.00	\$26.25	\$315.00
			Yes	f		

4/24/2017

MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

DAS
9
9.89

PO Instructions: quote: sou0027998, sou0027868

Note:

4/19/2017

80174-261



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36006

Purchase Order Date 4/19/2017

PO Print Date 4/19/2017

Page Number 3 of 4

Order From :

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

VC-CAM002

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

Line Total: \$315.00

6 M304S20GA 304/316 .040 Sheet 4/24/2017 64.00
Yes
4/24/2017 sf

\$3.91 \$250.14

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED
SPECIFICATION: MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
ORASTMA240
OR ASME SA240

DAS
9
9.89

Line Total: \$250.14

7 M6061T6R0.625 6061-T6 Round Bar .625" 4/24/2017 20.00
Yes
4/24/2017 f

\$0.97 \$19.49

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

9
9.89

SP 17-4-26

Line Total: \$19.49

PO Instructions: quote: sou0027998, sou0027868

Note:

4/19/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36006**

Purchase Order Date 4/19/2017

PO Print Date 4/19/2017

Page Number 4 of 4

Order From :

VC-CAM002

Ship To : DART AEROSPACE LTD

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

8	71401-45	PROCUREMENT QUALITY CLAUSES	4/24/2017	1.00	\$0.00	\$0.00
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No

4/24/2017

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

SP17-4-26

Line Total: \$0.00

PO Total: \$1,333.81

PO Instructions: quote: sou0027998, sou0027868

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 4/19/2017